

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 100110627-7

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Nickel et al.

Application No.: 10/676,414

Filing Date: 9/30/2003

Title: MAGNETIC MEMORY ELEMENT HAVING CONTROLLED NUCLEATION SITE IN DATA  
LAYER

Confirmation N.: 8074

Examiner: C. Wilson

Group Art Unit: 2824

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Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
( ) Other: \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	19	MINUS	21	= 0	X \$18	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$86	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Nickel et al.

By

Hugh P. Gortler

Attorney/Agent for Applicant(s)

Reg. No. 33,890

Date: 6/25/2004

(X) hereby certify that this paper is being transmitted  
to the Patent and Trademark Office facsimile  
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Number of pages: 8

Typed Name: Hugh P. Gortler

Signature:

PDNO 100110627-7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Confirmation No. 8074  
Janice Nickel :  
Serial No. 10/676,414 : Examiner: C. Wilson  
Filed: September 30, 2003 : Group Art Unit: 2824  
For: **MAGNETIC MEMORY ELEMENT HAVING CONTROLLED  
NUCLEATION SITE IN DATA LAYER**

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Arlington, VA 22313-1450

**AMENDMENT**

This amendment is being filed in response to the office action dated March 26, 2004. The amendment includes a section for amendments to the specification, a section for amendments to the claims, and a section for remarks.

Respectfully submitted,

I hereby certify that this correspondence is  
being facsimile transmitted to the  
United States Patent and Trademark Office  
on June 25, 2004.

  
Hugh P. Gortler  
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Date: June 25, 2004